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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andrew Charles Powis, et al.

Serial No.: 09/998,947

Filed: November 15, 2001

For: METHODS AND APPARATUS FOR
COOLING GAS TURBINE NOZZLES

Art Unit: 3745

Examiner: Ninh H. Nguyen

AMENDMENT

Commissioner for Patents
Box NON-FEE AMENDMENT
Washington, D.C. 20231

Sir:

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TECHNOLOGY CENTER R3700

7/19
H. H. Nguyen
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In response to the Office Action dated October 22, 2002, please amend the above-identified patent application as follows:

IN THE CLAIMS

Please cancel Claims 6 and 18.

1. (once amended) A method for assembling a turbine nozzle for a gas turbine engine, said method comprising:

A¹ providing a hollow doublet including a leading airfoil vane and a trailing airfoil vane coupled by at least one platform, wherein each airfoil vane includes a first sidewall and a second sidewall that extend between a respective leading and trailing edge;

inserting an insert into at least one of the airfoil vanes, wherein the insert includes a first sidewall including a first plurality of cooling openings that extending therethrough, and a second sidewall including a second plurality of cooling openings extending therethrough, and wherein the first plurality of cooling openings facilitate cooling the airfoil more than the second plurality of cooling openings;

inserting a second insert into the remaining airfoil vane, wherein the first and second inserts are non-identical.